



CUMI SHARP



BLUE FIRED SEMI-FRIABLE FUSED ALUMINIUM OXIDE FOR COATED ABRASIVES

Blue Fired semi-friable Aluminium oxide is brown corundum produced by controlled fusion of special grade Bauxite with other Raw Materials in an electric arc furnace.

The heat treatment process after crushing and grading ensures grains with good cutting quality and toughness for use in coated applications. These grains are best suited for use under eXTreme grinding conditions when high stock removal efficiency is required.

APPLICATION

CUMI SHARP blue fired semi-friable fused aluminium oxide grains are best suited in metals especially alloyed steels, non-ferrous metals and alloys of copper and zinc.

GRAIN SIZES AVAILABLE

P12, P14, P16, P20, P24, P30, P36, P40, P46, P50, P60, P70, P80, P90, P100, P120, P150, P180 and P220 as per FEPA (Federation of European Producers of Abrasives) standard 43-1:2006.

TYPICAL PROPERTIES

Chemical composition	
Constituent	Value *
Al ₂ O ₃	97.52 %
TiO ₂	1.47 %
SiO ₂	0.42 %
Fe ₂ O ₃	0.16 %
CaO	0.43 %

* Analyzed for Grit P 50

BULK DENSITY (TYPICAL)					
Grit	g/cc	Grit	g/cc	Grit	g/cc
12	1.85 – 1.93	36	1.72 – 1.80	100	1.61 – 1.70
16	1.85 – 1.93	40	1.68 – 1.77	120	1.52 – 1.60
20	1.80 – 1.91	50	1.68 – 1.76	150	1.52 – 1.60
24	1.77 – 1.87	60	1.65 – 1.75	180	1.48 – 1.56
30	1.75 – 1.85	80	1.72 – 1.80	220	1.40 – 1.50

Values obtained according to FEPA 44-1-:2006

Packing: 25 kg multiply paper bags of 1000 kg palletized. Other packaging types on request

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